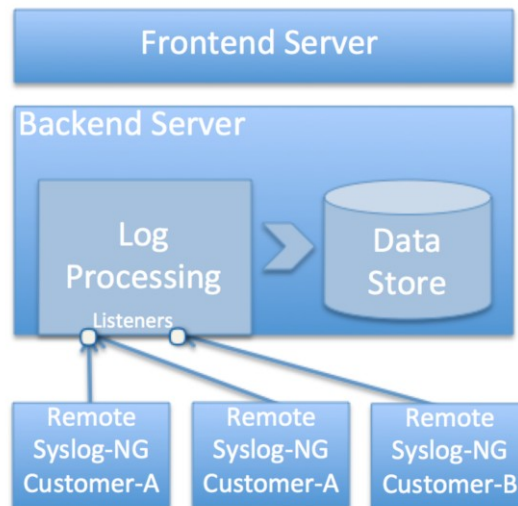


Standard Deployment:



Pre-Installation Steps:

1. Install module Notification View manually in Frontend server using following command (don't use Centralized Management to do it):
Linux: `<WATCH4NET_ROOT>/bin/manage-modules.sh install notification-view`
Windows: `<WATCH4NET_ROOT>\bin\manage-modules.cmd install notification-view`
2. Then proceed from the SolutionPack Center to the installation of the "Log Management SolutionPack".
 - During the install of Listener SolutionPack block, it will ask about the Webservice Gateway instance. You must provide the Webservice Gateway server and port where your Listeners are installed. This is your Backend Server.

Post-Installation Steps:

1. Install the package **syslog-ng** in a Linux environment. There is no issue using the Watch4net server or any other available server. If your distribution doesn't offer the package, one is provide in `<WATCH4NET_ROOT>/Event-Processing/Generic-Event-Listener/<SP_INSTANCE_NAME>/contrib/syslog-ng/`.
2. Configure **syslog-ng** using the file `<WATCH4NET_ROOT>/Event-Processing/Generic-Event-Listener/<SP_INSTANCE_NAME>/contrib/syslog-ng/syslog-ng.conf`. This configuration is suited for a dedicated **syslog-ng** instance running in the same server Log Management Listener SolutionPack block is installed (port 5514) for a single tenant. Edit the configuration file parameters to fit other scenarios. You can use that same configuration on remove syslog-ng, only the destination IP have to be changed to indicate how to reach the listener.

3. Import the datastore table schema and restart it running the following commands:

```
<WATCH4NET_ROOT>/bin/datastore-client-<SP_INSTANCE_NAME>.sh <
<WATCH4NET_ROOT>/Event-Processing/APG-Datastore-Writer/<SP_INSTANCE_NAME>/ddl/
log-management-setup-db.ddl
<WATCH4NET_ROOT>/bin/manage-modules.sh service restart datastore Default
```

4. Restart Event Processing Manager running the following command:

```
<WATCH4NET_ROOT>/bin/manage-modules.sh service restart event-processing-manager
<SP_INSTANCE_NAME>
```

5. Edit the file <WATCH4NET_ROOT>/Web-Servers/Tomcat/Default/conf/server.xml and add the following Resource tag to Tomcat server configuration, inside /Server/GlobalNamingResources tag: (you have to replace "localhost" by the database server IP address or hostname if it is not the same as the Frontend server):

```
<Resource name="jdbc/FLOW-LOG-MANAGEMENT" auth="Container" type="javax.sql.DataSource"
maxActive="10" maxIdle="10" validationQuery="SELECT 1" testOnBorrow="false"
testWhileIdle="true" timeBetweenEvictionRunsMillis="10000"
minEvictableIdleTimeMillis="60000" maxWait="10000"
username="admin" password="changeme" driverClassName="com.watch4net.x100.jdbc.Driver"
removeAbandoned="true" removeAbandonedTimeout="60" logAbandoned="true"
url="jdbc:x100://localhost:48443/Databases/APG-Datastore" />
```

6. Edit the files

<WATCH4NET_ROOT>/Web-Servers/Web-Servers/Tomcat/Default/conf/Catalina/localhost/APG.xml and
<WATCH4NET_ROOT>/Web-Servers/Web-Servers/Tomcat/Default/conf/Catalina/localhost/APG-WS.xml to add
the following ResourceLink tag in web applications configuration, inside /Context tag:

```
<ResourceLink name="jdbc/FLOW-LOG-MANAGEMENT:{ mapping=FLOW-LOG-MANAGEMENT.xml,
table=event_log_SEQ_0_3__}" global="jdbc/FLOW-LOG-MANAGEMENT"
type="javax.sql.DataSource" />
```

7. Copy Notification View template pages, using the following command:

Linux: cp <WATCH4NET_ROOT>/Custom/WebApps-Resources/Default/notification-view/*.html
<WATCH4NET_ROOT>/Web-Servers/Tomcat/Default/webapps/APG-RPE/

Windows: copy <WATCH4NET_ROOT>\Custom\WebApps-Resources\Default\notification-view*.html
<WATCH4NET_ROOT>\Web-Servers\Tomcat\Default\webapps\APG-RPE\

8. Restart Tomcat running the following command:

```
<WATCH4NET_ROOT>/bin/manage-modules.sh service restart tomcat
```

Known Issues

Ticket Number	Description	Comments/Workaround
#4725	Syslog-NG is required to normalize the UDP syslogs and forward them to the TCP Listener	Syslog-ng is now built in many Linux distributions and binary installation is available online if required.
#10467	Installing the Report SolutionPack block stops Tomcat service and can crash the SP installation	Install module Notification View manually before install the SolutionPack (step 1 in Pre-Installation Steps). A future version will fix this behavior
#10475	SolutionPack block doesn't know its own server hostname	Enter the hostname manually in Listening SolutionPack block configuration.
#10539	Notification View queries crash Datastore, which then auto restart	The Datastore need real physical memory available when there are big queries. Swap memory is not supported. For this reason, memory sizing on the backend is very important. Future query optimization will limit this behavior
#10638	Notification View doesn't include Generic Log Management template pages	Install template pages manually, following the instructions in this document (step 7)